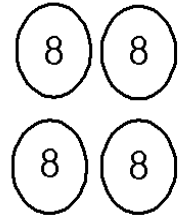


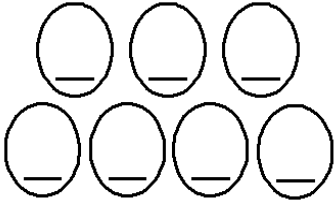
4-Square Problem Solver

Directions: Solving Multiplication word problems is simple when you follow these four steps:
READ, DRAW, WRITE, RECORD!

Sample:

<p>READ the problem: Factory AI keeps his sock drawer organized into 4 neat rows. There are 8 pair of socks in each row. How many pairs of socks does Factory AI have?</p>	<p>DRAW a picture:</p>  <p>Each ○ = 1 row</p>
<p>RECORD the solution: Factory AI has 32 pairs of socks.</p>	<p>WRITE an equation:</p> <p>Think: How many groups? <u>4</u> How many "things" in each group? <u>8</u></p> <p>$4 \times 8 = \boxed{32}$</p>

Practice 1:

<p>READ the problem: Kylie can solve each multiplication problem in 3 seconds. How many seconds does it take her to solve 7 problems?</p>	<p>DRAW a picture:</p>  <p>Each ○ = 1 problem</p>
<p>RECORD the solution:</p> <p>_____</p> <p>_____</p> <p>_____</p>	<p>WRITE an equation:</p> <p>Think: How many groups? ____ How many "things" in each group? ____</p> <p>__ X __ = <input type="text"/></p>

Practice 3:

<p>READ the problem: Amy volunteers at the zoo aviary. Each day, she feeds the birds in 8 different cages. There are 4 birds in each cage. How many birds does Amy care for?</p>	<p>DRAW a picture:</p> <p>Each ○ = _____</p>
<p>RECORD the solution:</p> <p>_____</p> <p>_____</p> <p>_____</p>	<p>WRITE an equation:</p> <p>Think: How many groups? ____ How many "things" in each group? ____</p> <p>__ X __ = <input type="text"/></p>

Practice 2:

<p>READ the problem: For John's science project, he will need to fill 3 beakers with 6 milliliters of liquid each. How many milliliters of liquid are needed for the project?</p>	<p>DRAW a picture:</p> <p>Each ○ = 1 beaker</p>
<p>RECORD the solution:</p> <p>_____</p> <p>_____</p> <p>_____</p>	<p>WRITE an equation:</p> <p>Think: How many groups? ____ How many "things" in each group? ____</p> <p>__ X __ = <input type="text"/></p>